

| L<br>Number | Hits  | Search Text   | DB  | Time stamp          |
|-------------|-------|---|---|---------------------|
| -           | 1     | ("6331736").PN.   | USPAT   | 2004/01/26<br>11:58 |
| -           | 0     | ("8222840").PN.   | JPO;<br>DERWENT   | 2004/01/26<br>11:59 |
| -           | 2     | "08222840"  | JPO;<br>DERWENT   | 2004/01/26<br>12:20 |
| -           | 1     | "55050659"  | JPO;<br>DERWENT   | 2004/01/26<br>12:38 |
| -           | 1     | ("6054198").PN.   | USPAT   | 2004/01/26<br>13:09 |
| -           | 19574 | (chip or die) and ((adhesive or underfill or encapsul\$4) with (hole\$1 or space\$1 or gap\$1 or air or gas))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/01/26<br>13:10 |
| -           | 9447  | ((chip or die) and ((adhesive or underfill or encapsul\$4) with (hole\$1 or space\$1 or gap\$1 or air or gas))) and (@ad<19970904)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/01/26<br>13:11 |
| -           | 3015  | ((chip or die) and ((adhesive or underfill or encapsul\$4) with (hole\$1 or space\$1 or gap\$1 or air or gas))) and (@ad<19970904)) and (semiconductor or IC)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/01/26<br>13:12 |
| -           | 2250  | ((chip or die) and ((adhesive or underfill or encapsul\$4) with (hole\$1 or space\$1 or gap\$1 or air or gas))) and (@ad<19970904)) and (semiconductor or IC)) and (substrate or board or pwb or pcb)                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/01/26<br>13:12 |
| -           | 1226  | ((chip or die) and ((adhesive or underfill or encapsul\$4) with (hole\$1 or space\$1 or gap\$1 or air or gas))) and (@ad<19970904)) and (semiconductor or IC)) and (substrate or board or pwb or pcb)) and 257/\$.ccls. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/01/26<br>13:13 |